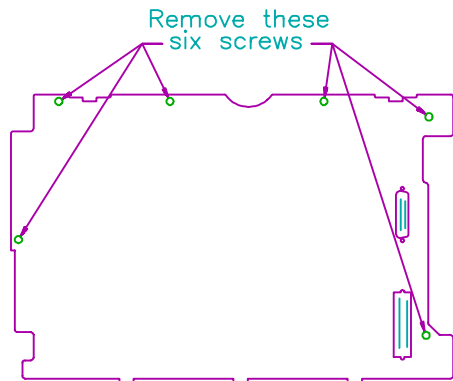
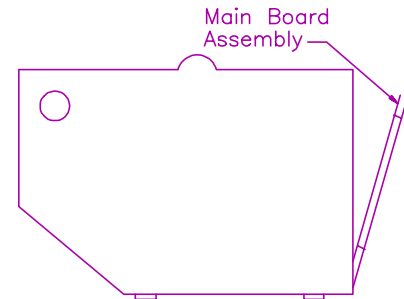


Installation of Main Firmware

1. Turn printer power off and unplug from power source.
2. Remove the six screws that attach the rear panel on the back of the printer.



3. Gently let the rear panel, with the board attached, rotate back and down.

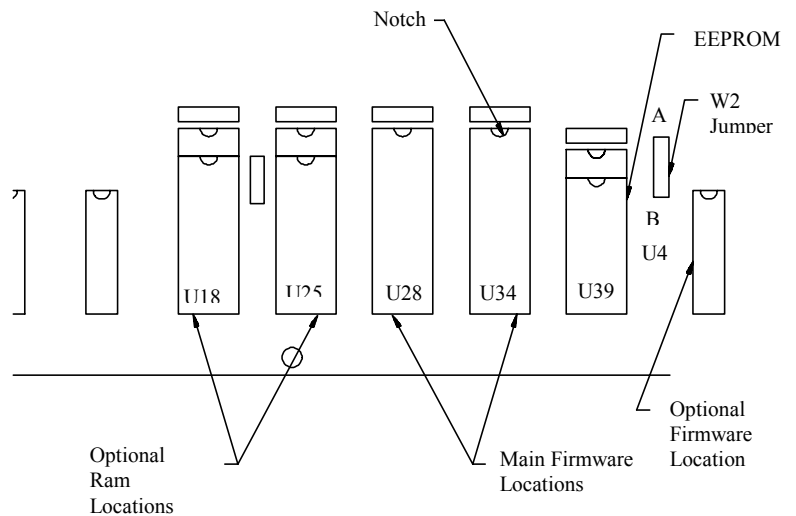


4. Remove the proms from locations U28 and U34.
5. Install the replacement proms in locations U28 and U34.

Be sure that the notch in the prom matches the notch in the silkscreen on the board. Failure to do so may result in damage to the prom or the board.

FOR OPTIONAL RAM: PLACE CHIPS IN THE LOCATIONS SHOWN ON RIGHT (U25 AND U18).

To utilize the expanded ram, change Buffer Size feature value (under M4 Printer Control).
 For Optional 8K EEPROM: Place 8K EEPROM into location A shown (U39)
 Move jumper on W2 to the “B” position.



6. Replace rear panel.
7. After the unit is powered on, the display will indicate a NVRAM failure on the LCD. Follow the instructions indicated on the LCD to continue.

If your printer is not a Single Tractor Only unit, enter the System menu and change the CONFIG feature to reflect your printer option.

Installation of Bar Code Firmware Options

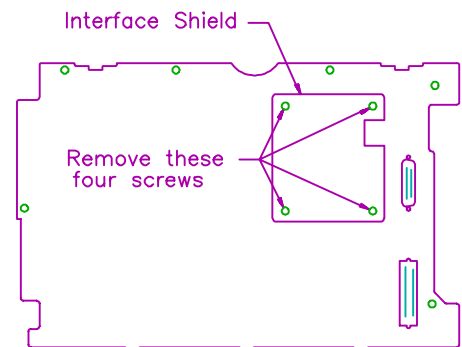
1. Perform the Steps 1 through 3 of Installation of Main Firmware on page one (1).
2. Install the two (2) ram chips in locations U25 and U18, if required.

Note: The ram upgrade may be required for printing complicated barcode applications with the standard firmware. The Code V/IGP emulation option requires the ram upgrade.

3. For the Code V/IGP emulation option, install firmware in position U44.
4. Replace the rear panel.
5. After the unit is powered on, the Code V/IGP emulation feature can be enabled by doing any of the following:
 - Enter Setup Mode, MENU 4 Printer Control and "ENABLE" the bar code feature.
 - Reset Profile
 - Reset NVRAM

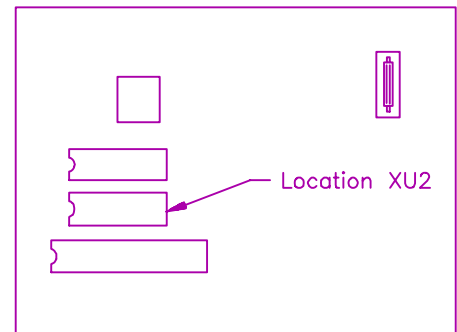
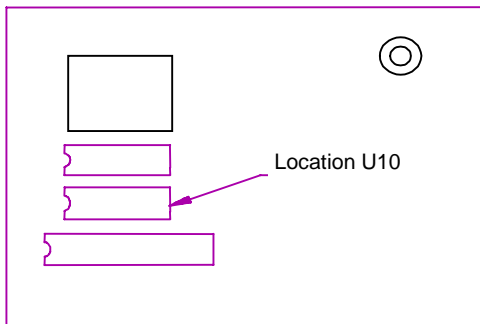
Installation of Coax and Twinax Firmware Options

1. Turn printer power off and unplug from power source.
2. Remove the four (4) screws that attach the interface board shield to the printer rear panel.
3. Remove the firmware from the interface board and replace with the new firmware.



Be sure that the notch in the prom matches the notch in the silkscreen on the board. Failure to do so may result in damage to the prom or the board.

For Coax replace U10



4. Reinstall the shield.